**3GPP TSG-RAN WG2 Meeting #113bis Electronic DRAFT R2-210xxxx**

**Elbonia, 19 – 27 May 2021**

**Title: [DRAFT]** Reply LS on Time Synchronization assistance parameters

**Response to:** SA2

**Release:** Release 17

**Work Item:** NR\_IIOT\_URLLC\_enh-Core

**Source:** Nokia [TSG RAN WG2]

**To:** SA2

**Cc:** RAN1, RAN3

**Contact Person:**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:** -

**1. Overall Description:**

RAN2 would like to thank SA2 for the LS relating to benefits of having time synchronization error budget at the NG-RAN (S2-2103023). For the question: “Is it beneficial for NG-RAN to receive Time synchronization error budget available for the NG-RAN for Uu interface to fulfil the time sync accuracy request?”, RAN2 has discussed and concluded that the answer is “Yes”, because the NG-RAN can potentially optimize its radio resource usage based on its knowledge of time synchronization error budget.

RAN2 noted that such information could be in the form of a time synchronization error budget or an indication of accuracy level. However, it is up to SA2 to decide.

**2. Actions:**

**To 3GPP SA WG2**

**ACTION:** RAN2 respectfully asks SA2 to take the above information into account in SA2’s future work

**3. Date of Next TSG-RAN WG2 Meeting:**

3GPP RAN2#115-e from 2021-08-16 to 2021-08-27 Electronic Meeting